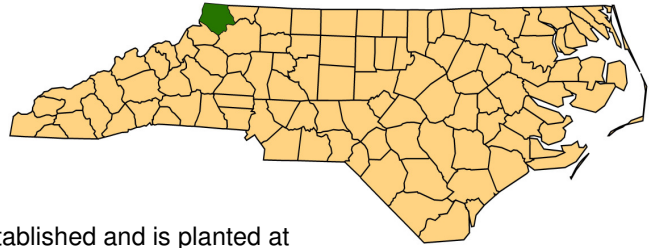


## UPPER MOUNTAIN RESEARCH STATION (NCDA&CS)

### Location

**City:** Laurel Springs  
**County:** Ashe



### Background:

- Established in 1944
- A genetic clone bank for Fraser firs was established and is planted at this station. Upper Mountain also holds the only planted range-wide seed source of the Carolina Hemlock in the United States.

---

### Unique Characteristics:

- The elevation above 3200 feet provides climatic conditions not available at any other location across the state; High elevation are ideal for studying Frazier Fir production
- Current research on day-neutral strawberries and primacane raspberries has allowed agricultural producers in this area to diversify their operations.

---

### Station Statistics

**Staff:** 11

<b>Management Units:</b>	Livestock	Herd Size (#):
	Goats	88
	Cattle	193
	Llamas	1
	Field Crops	

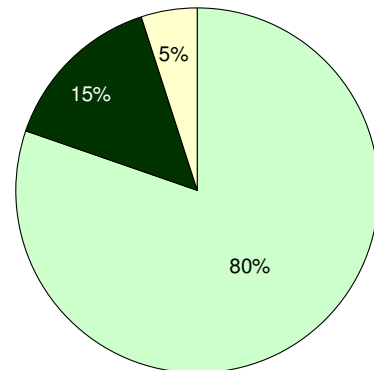
**Buildings:** 33

### Research Program

Project Leaders (#):	20
Ongoing Projects (#):	53
Focus:	Beef, Goats, Christmas Trees, Strawberries, Raspberries, Blackberries, Blueberries, Burley Tobacco, Small grains, Mushrooms, Organics, Ornamentals

### Acres:

Station Total	452.81 ac
Field Crops	11.5
Tobacco	5.5
Small grains	2
Corn	2
Lettuce	2
Horticulture crops	15.35
Pasture/Hay	317.65
Christmas trees	14.5
Rotational	3.9
Woodlands	67.75
Infrastructure	22.16



□ RESEARCH   ■ FORESTRY   □ INFRASTRUCTURE

---

### Station Improvements:

- New greenhouse and curing structures for tobacco production
- Renovation of animal handling facilities
- New multi-purpose building for strawberries and tobacco grading

### Station Events:

- Field Days – Specialty Crops
- Tours - Randolph County Cattleman, Master Gardner, professor from Chile, Appalachian State University staff, researchers from Czech Republic
- Workshops – Christmas Tree Grafting, Soil Science Dept and Organic/Rotational Cover Crop
- Training - Safety Day local Ag classes and rescue personnel
- Disaster Recovery – Hay Relief